

Converting Colors

Hex(064EA7)

Have a look what the booklet for
Hex(064EA7) contains.

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Color

Hex(064EA7)

Conversions

Conversions Part 1

Format	Color
Hex	064EA7
RGB	6, 78, 167
RGB Percent	2%, 31%, 65%
CMY	0.9765, 0.6941, 0.3451
CMYK	0.96, 0.53, 0.00, 0.35
HSL	213°, 93%, 34%
HSV	213°, 96%, 65%
XYZ	9.7745, 8.2775, 37.6418
YIQ	66.6180, -71.4810, 12.4150

Conversions

Conversions Part 2

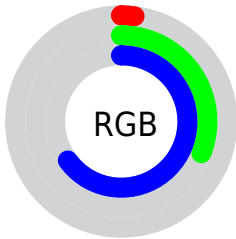
Format	Color
R_{YB}	6, 56, 167
Decimal	413351
CIE _{Lab}	34.55, 16.35, -53.20
CIE _{LCh}	35, 55.660, 287.081
Yxy	8.2775, 0.1755, 0.1486
Android (android.graphics.Color)	4278603431 (0xFF064EA7)
YUV	66.6180, 49.4883, -53.1620
Hunter-Lab	28.7707, 10.2949, -57.4319

Details

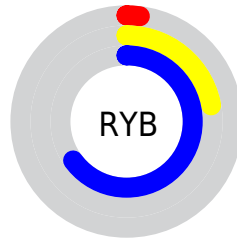
The Hex color **064EA7** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A75F06**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5A7EDF**, and **002372** is the 20% darker color. If you saturate the color by 10%, you get **004BA7**, and if you desaturate by 10%, it is **1757A7**.

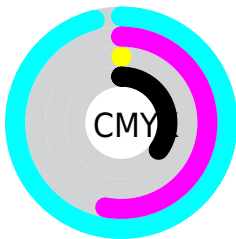
Distribution



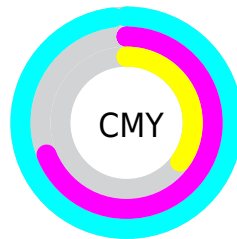
- Red (2%)
- Green (31%)
- Blue (65%)



- Red (2%)
- Yellow (22%)
- Blue (65%)



- Cyan (96%)
- Magenta (53%)
- Yellow (0%)
- Black (35%)



- Cyan (98%)
- Magenta (69%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 064EA7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 064EA7 by changing the saturation by 10% instead.

064EA7

064EA7

FFFFFF

00388C

5A7EDF

002372

7898FC

000F59

96B3FF

000741

B3CEFF

00032A

D1EAFF

000114

EFFFFF

000000

064EA7

064EA7

004BA7

1757A7

■ 2760A7

■ 386AA7

■ 4973A7

■ 5A7CA7

■ 6A85A7

■ 7B8FA7

■ 8C98A7

■ 9CA1A7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



005CA8



064EA7



71378E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



064EA7



90330E



00633C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



064EA7



A75F06

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



055F09



064EA7



734800

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



064EA7



9E1A3A



4C5700



00646A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



064EA7



8D2575



4C5700



00622C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



064EA7



9AB6D9



06A75F



47586E



EDEDED



6E6E6E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



064EA7



0061D9



0E06A7



4C4F54



004294



000914

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A7064E



D90061



9FA706



544C4F



940042



140009

Previews

White Background



This preview shows how the Hex color 064EA7 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

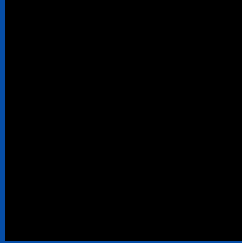
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 064EA7 Background



This preview shows how black text looks on a background with the Hex color 064EA7.



This preview shows how white text looks on a background with the Hex color 064EA7.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


064EA7

Protanopia

004EA7

Deuteranopia

005390



Tritanopia
005A60

Trichromacy



Original Color
064EA7

Protanomaly
024EA7

Deuteranomaly
025198

Tritanomaly
02567A

Monochromacy



Original Color
064EA7

Achromatopsia
434343

Achromatomaly
2D4767

CSS Examples

Text

The CSS property to change the color of the text to Hex 064EA7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #064EA7 looks like.

```
.text, #text, p{  
    color:#064EA7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #064EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #064EA7
}
```

Border

The CSS property to change the border of an element to Hex 064EA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

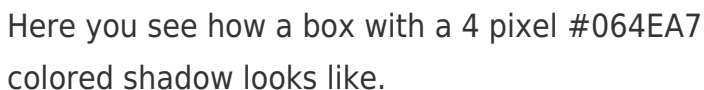
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#064EA7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#064EA7 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #064EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #064EA7; -webkit-box-shadow:4px 4px  
4px 4px #064EA7; box-shadow:4px 4px 4px  
4px #064EA7 }
```

Background

The CSS property to change the background color of an element to Hex 064EA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#064EA7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#064EA7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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